SILICON
CONSULTING ENGINEERS

SC/QC/110V-Y1/2021-22

Date: 28-03-2022

To,
The Executive Engineer,
Yelahanka Division,
Bangalore.

## "PMC CERTIFICATE AND INSPECTION REPORT"

Dear Sir,

Subject: Regarding Inspection Report for the below mentioned work.

Restoration and Improvements of Roads At Suryavamshi Layout, Synvika Vihara Layout, Sai Vihara Layout, Naidu Layout, Nagenahalli Layout And Surrounding Areas In Ward No-02 of Yelahanka Sub Division(PACKAGE NO-01)

| Item No | Description of work | Unit | Qty | Remarks |
|---|---|---|---|---|
| 1 | KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled | Cum | 5523.74 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 2 | KSRB 4-1.3 : Providing and laying in position plain cement concrete of Mix 1:4:8 with OPC @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine | Cum | 938.64 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 3 | KSRRB M2200-6. Providing TMT Bars Fe 500 steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in postion, lapping and/or welding wherever | Tn | 97.12 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 4 | Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. With 20mm and sown size granite metal course aggregates at | Cum | 1588.93 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 5 | Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, | Sqm | 3516.80 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 9 | Providing and fixing RCC precast cover slab of 230mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement, including form | Sqm | 235.11 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 10 | KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and | Cum | 145.68 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 11 | Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished | Nos | 14184.00 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 12 | Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications. | Sqm | 2233.91 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 13 | KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average | Sqm | 47.92 | Work done upto the Billed Quantity and the Quality is Satisfactory |

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Yelahanka Division BBMP
Executive Engineer

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| Item No | Description of work | Unit | Qty | Remarks |
|---|---|---|---|---|
| 14 | KSRB 14.6 : Providing and laying heavy duty cobble stones interlock pavers, 60mm thick using cement and course sand for manufacture of blocks of approved size, shape and colour with a | Sqm | 721.10 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 15 | KSRRB M300-14. Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in | Cum | 4081.42 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 16 | KSRRB 300-58. Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, | Sqm | 13604.75 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 18 | Construction of granular sub-base Grading-V as Sub-base and drainage layer by providing coarse graded crushed stone aggregates of granite/ trap/basalt material, mixing in a | Cum | 1652.20 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 19 | KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with | Cum | 2202.93 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 20 | KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at | Sqm | 11014.64 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 21 | KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting | Cum | 550.73 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 22 | KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set | Sqm | 11014.64 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 23 | KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work | Cum | 440.59 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 24 | KSRRB M600-1 Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine | Cum | 393.47 | Work done upto the Billed Quantity and the Quality is Satisfactory |
| 25 | Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 | Cum | 393.47 | Work done upto the Billed Quantity and the Quality is Satisfactory |

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With respect to the above subject & name of the work, we have inspected the work and the Quantity and Quality of above mentioned items of the work was found to be completed satisfactorily for the 1st and Part bill

Thanking you,

AE-02

With Regards,

For Silicon Consulting Engineers

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